ABSTRACT OF THE DISCLOSURE

A device and method for the alignment, in upto six degrees of freedom, of printheads in a printer is disclosed. The device has a support, wherein the printhead is secured to a substantially center location of the support. The device further has a fixed plate biased against the support by a plurality of first screws extending substantially in a Z direction, a plurality of second screws extending substantially in a Y direction, and a third screw extending substantially in an X direction. The fixed plate, and thus the printhead, may be translated in each of the X, Y and Z directions and may be rotated about each of the X, Y, and Z axes by manipulation of the screws to achieve possible alignment in all six degrees of freedom.